**Responsible Office: Office of the Director**

**Subject: NASA Langley Research Center's American Institute of Aeronautics and Astronautics (AIAA) Technical Committee Membership Policy**

## 1. POLICY

a. NASA Langley will support membership on 36 AIAA Technical Committees (TC's) (see Attachment A) which directly align with Langley's core competency areas (see Attachment B).

b. Membership is for a three-year term. In the fall of every year approximately 1/3 of the members end their term and those committees are open for the nomination of members. See Attachment C for a list of Langley's AIAA TC Members. Revisions to Attachment C must go through an Associate Director for review.

c. No TC will have more than one Langley member.

d. TC members will be selected on the basis of their technical expertise and ability to lead a Center-wide activity.

e. Langley members are expected to represent the entire Center in TC activities.

f. Other Center experts can be called upon to support the TC members as needed and when resources allow.

g. The Center Director must approve all Langley TC member nominations.

h. Only AIAA TC members nominated will be supported (travel paid for) by Langley.

## 2. APPLICABILITY

This LAPD is applicable to NASA Langley Research Center.

## 3. AUTHORITY

None

## 4. REFERENCES

None

## 5. RESPONSIBILITY

a. The Office of the Director is responsible for issuing a call for TC nominations to Associate Directors.

b. Each Associate Director is responsible for submitting nominations (one maximum per TC). The Associate Directors are responsible for convening to review the nominations, and selecting the official Langley representatives.

c. The Center Director is responsible for submitting the official Langley nominations to the AIAA.

NOTE: Langley employees can be nominated and selected by other means; however, they will be expected to pay for their own travel and take annual leave to attend TC meetings. They will not be representing NASA Langley Research Center.

d. If for some reason an official Langley TC member decides to relinquish his/her membership before the end of his/her term, this TC member notifies the Office of the Director and a process will be initiated to select an official replacement.

e. The Directives Manager is responsible for making changes to Attachment C (as detailed in 1.b. above) without further routing upon receipt of a signed instruction from the Office of the Director.

## 6. DELEGATION OF AUTHORITY

None

## 7. MEASUREMENTS

None

## 8. CANCELLATION

None

Jeremiah F. Creedon
Director

Attachments A-C

# 36 AIAA TECHNICAL COMMITTEES CURRENTLY WITH LANGLEY PARTICIPATION

Adaptive Structures

Aeroacoustics

Aerodynamic Measurement Technology

Air Breathing Propulsion

Air Transportation

Aircraft Design

Aircraft Operations

Applied Aerodynamics

Astrodynamics

Atmospheric Environment

Atmospheric Flight Mechanics

Computer Systems

Design Engineering

Digital Avionics

Economics

Flight Testing

Fluid Dynamics

General Aviation Systems

Ground Testing

Guidance, Navigation, and Control

Interactive Computer Graphics

Management

Materials

Missile Systems

Modeling and Simulation Technologies

Multidisciplinary Design Optimization

Plasmadynamics and Lasers

Sensor Systems

Software Systems

Space Systems

Space Transportation

Structural Dynamics

Structures

Systems Engineering

Technical Information

Thermophysics

# LANGLEY CORE COMPETENCY AREAS

- **Aerospace Systems, Concepts and Analysis**
- **Aerodynamics, Aerothermodynamics, and Hypersonic Airbreathing Propulsion**
- **Structures and Materials**
- **Airborne Systems, and Crew Station Design and Integration**
- **Atmospheric Sciences and Remote Sensing**
- **Systems Engineering**

| LANGLEY AIAA TC MEMBERSHIP | | | | |
|---|---|---|---|---|
| | **TECHNICAL COMMITTEE** | **NAME OF MEMBER** | **TERM BEGIN** | **TERM END** |
| 1 | Adaptive Structures | Gary Gibbs | 1999 | 2002 |
| 2 | Aeroacoustics | Thomas F. Brooks | 2001 | 2004 |
| 3 | Aerodynamic Measurement Tech. | Al Burner | 2000 | 2003 |
| 4 | Air Breathing Propulsion | Lawrence D. Huebner | 2001 | 2004 |
| 5 | Air Transportation | Stanley E. Woodard | 2001 | 2004 |
| 6 | Aircraft Design | Bob McKinley | 2000 | 2003 |
| 7 | Aircraft Operations | Denise R. Jones | 1999 | 2002 |
| 8 | Applied Aerodynamics | Richard Wahls | 1999 | 2003 |
| 9 | Astrodynamics | Prasun Desai | 2000 | 2003 |
| 10 | Atmospheric Environment | Dr. Richard Eckman | 2000 | 2003 |
| 11 | Atmospheric Flight Mechanics | Jay Brandon | 2000 | 2003 |
| 12 | Computer Systems | Robert A. Kudlinski | 1999 | 2002 |
| 13 | Design Engineering | William M. Berrios | 2001 | 2004 |
| 14 | Digital Avionics | Dr. Celeste M. Belcastro | 1999 | 2002 |
| 15 | Economics | Sharon Monica Jones | 2001 | 2004 |
| 16 | Flight Testing | Michael Wusk | 2000 | 2003 |
| 17 | Fluid Dynamics | Chris Rumsey | 2000 | 2003 |
| 18 | General Aviation Systems | Peter A. Padilla | 2000 | 2003 |
| 19 | Ground Testing-1 | Jerry Kegelman | 1999 | 2002 |
| 20 | Guidance, Navigation, & Control | Carey Buttrill | 1999 | 2002 |
| 21 | Interactive Computer Graphics | Michelle Garn | 1999 | 2002 |
| 22 | Management | Leonard R. Mcmaster | 2000 | 2003 |
| 23 | Materials | Mark J. Shuart | 2001 | 2004 |
| 24 | Missile Systems | Kenneth M. Jones | 2001 | 2004 |
| 25 | Modeling and Simulation Technologies | R. Barry Bryant | 1999 | 2002 |
| 26 | Multidisciplinary Design Optimization | Thomas A. Zang | 2001 | 2004 |
| 27 | Plasmadynamics and Lasers | R. Jeffrey Balla | 2001 | 2004 |
| 28 | Sensor Sytems | Clayton Turner | 2000 | 2003 |
| 29 | Software Systems | Eric G. Cooper | 2000 | 2003 |
| 30 | Space Systems | Donald W. Monell | 1999 | 2002 |
| 31 | Space Transportation | Robert L. Calloway | 2001 | 2004 |
| 32 | Structural Dynamics | Lucas G. Horta | 1999 | 2002 |
| 33 | Structures | Dr. Michael Nemeth | 2000 | 2003 |
| 34 | Systems Engineering | Sharon K. Crockett | 2001 | 2004 |
| 35 | Technical Information Services | George J. Roncaglia | 1999 | 2002 |
| 36 | Thermophysics | Ron Merski | 2000 | 2003 |